L Number	Hits	Search Text	DB	Time stamp
7	910	or mocvd or hydride adj vapor or hype or	USPAT; US-PGPUB;	2004/06/10
		molecular near2 beam or metal near2 organic)	EPO; JPO; DERWENT;	1
8	30	or molecular near2 beam) near10 (mocvd or	IBM_TDB USPAT; US-PGPUB;	2004/06/10 15:15
		metal near2 organic) near10 (hydride near2 vapor or hvpe)	EPO; JPO; DERWENT; IBM TDB	
9	25	(aln or aluminum adj nitride) near10 (MBE or molecular near2 beam) near10 (mocvd or metal near2 organic)	IISPĀT.	2004/06/10 13:53
10	226	(aln or aluminum adj nitride) near10 junction	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 15:15
11	21	(aln or aluminum adj nitride) near10 junction near3 pn	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10
12	5	(indium adj nitride or inn) near10 junction near3 pn	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 15:49
13	111	(zno or zinc adj oxide) near5 buffer same (gan or gallium adj nitride or "iii-v")	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10
14	2	(zno or zinc adj oxide) near5 buffer near10 amorphous same (gan or gallium adj nitride or "iii-v")	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 15:51
15	2	"11243229"	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 15:58
16	45	(zno or zinc adj oxide) near10 (polycrystal\$5) same varistor	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 16:21
17	3	(zno or zinc adj oxide) near5 buffer same pn near2 junction	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 16:22
18	985	junction near10 (gan or gallium adj nitride or "iii-v")	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/06/10 16:23
19		(junction near10 (gan or gallium adj nitride or "iii-v")) same (zno or zinc adj oxide)	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/06/10 16:26
20		"04068579"	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/06/10 16:59
	atory 6/		EPO; JPO; DERWENT; IBM TDB	10:59

Search History 6/10/04 5:05:46 PM Page 1

	21				
Spin near5 coat\$3 same (anneal\$4 or heat add treat\$4 or crystalliz\$4 or rta or rtp) and 117/\$4.ccls.	121	2	tetsuzo near2 ueda.in. and spin near2	USPAT;	2004/06/10
Spin near5 coat\$3 same (anneal\$4 or heat adj treat\$4 or crystalliz\$4 or nta or rtp) and l17/\$4.ccls.			Coats5		16:59
184   Spin nearS coat53 Same (anneal\$4 or heat adj treat54 or crystalliz\$4 or rta or rtp or ptp)   Same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp)   Same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp)   Same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp)   Same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   Same spin   Same intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4) same spin   Same intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4) same spin   Same intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4) same spin   Same intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat54 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On intride near10 solution same (anneal\$5 or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)   On crystalliz\$4, or cry				EPO; JPO;	ļ
Spin nearS coat33 same (anneal\$4 or heat and treat\$4 or crystalliz\$4 or rta or rtp) and i17/\$4.ccls.   USPAT;		İ		•	
11:02	_	3.4	grin name a section of the section o		
Ttp) and 117/\$4.ccls.   EPO; JPO;   DRYMENT; IBM TDB   USPAT; USPATE   US	1	74	spin nears coats same (anneals 4 or heat		
0   (III-V or nitride) near5 solution same anneal34 same crystalliz34 and 117/94.cels.   USPAT: US			ntml and 117/441-		11:02
O   (III-V or nitride) near5 solution same anneal54 same crystalliz\$4 and   117/\$4.ccls.   EPO; JPO; DERWENT;   US-PGPUB;	1		1cp) and 11//\$4.cc1s.		
Comparison of the comparison	1				
anneals4 same crystalliz\$4 and   US-PGPUB;   11:04   11:04   11:04   12:05   11:04   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05   12:05	_		(III-V or nitride) nears colution com		
117/94.ccls.   EPO; JPO; DERWENT; IEM TDB   LISS	l		anneal\$4 same crystallis\$4 and		
Comparison   Com			117/\$4 ccls		11:04
2   (III-V or nitride) near5 solution same crystalliz34 and 117/\$4.ccls.   SPAT; US-PGPUB; EBC; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; USPAT;			1 , 4 3 2 1	1	<b>i</b>
CIII-V or nitride) nearS solution same crystalliz\$4 and 117/\$4.ccls.   USPĀT; USPĀT; USPĀC; USPĀT; USPĀC; USPĀT; USPĀC; USPĀT; USPĀC;		İ			
Crystalliz\$4 and 117/\$4.ccls.   US-pGPUB;   EPO; JPO; DERWENT;   IBM TDB   USPAT;	-	2	(III-V or nitride) near5 solution same		2003/00/22
EBO, JPO, DERWENT; IBM TDB USPAT; US-PGPUB; EBVENT; IBM TDB USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-	İ		crystalliz\$4 and 117/\$4.ccls.		
15   (III-V or nitride) near\$ solution same   DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; JPO; DERWENT; IBM TDB   USPAT; US-FCPUB; EPO; JPO; JPO; DERWENT; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J					111.03
15   (III-V or nitride) near5 solution same   film and 117/\$4.ccls.   IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO: JPO: DERWENT; IBM TDB   USPAT: US-PGPUB; EPO: JPO:	1	İ			
15   (111-V or nitride) near's solution same   film and 117/\$4.ccls.   US-FGPUB;   EPO; JPO; DERWENT;   IBM TDB   USPAT;   US-PGPUB;   EPO; JPO; DERWENT;   US-PGPUB;   EPO; JPO; JPO; DERWENT;   US-PGPUB;   EPO; JPO; JPO; DER					1
111m and 11//\$4.ccls.	-	15	(III-V or nitride) near5 solution same		2003/09/22
solution near10 (crystal\$4 or crystalliz\$4) same film and 117/\$4.ccls.  4 solution near10 (crystal\$4 or crystalliz\$4) same film same "III-V" and 117/\$4.ccls.  5 solution near10 (crystal\$4 or crystalliz\$4) same film same "nitride" libm TDB luspAT; lose-FguB; epo, JPO; DERWENT; libm TDB luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT; luspAT;			film and 117/\$4.ccls.	US-PGPUB;	
DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   U				EPO; JPO;	
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Crystalliz\$4  same film and 117/\$4.ccls.   US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;   US-FGPUB; EPO; JPO; DERWENT;   US-FGPUB; EPO; JP	]	1 200		IBM_TDB	
solution near10 (crystal\$4 or crystalliz\$4) same film same "III-V" and II7/\$4.ccls.  13 solution near10 (crystal\$4 or crystalliz\$4) same film same "nitride" BFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; II:30 EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; II:31 EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; II:32 EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; II:32 EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; II:32 EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; DERWENT; IBM TDB USPAT; US-PGPUB; DERWENT; IBM TDB USPAT; US-PGPUB; DERWENT;	ļ <sup>—</sup>	209	solution near10 (crystal\$4 or		2003/09/22
A   Solution near10 (crystal\$4 or crystalliz\$4) same film same "III-V" and l17/\$4.ccls.			crystalliz\$4) same film and 117/\$4.ccls.		11:25
18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M TDB   18M		1			
Solution near10 (crystal\$4 or crystal1z\$4) same film same "III-V" and l17/\$4.ccls.	İ				
Crystalliz\$4   same film same "III-V" and 117/\$4.ccls.	-	4	solution near10 /crystal64 on		
13 solution near10 (crystal\$4 or crystal1iz\$4) same film same "nitride" and 117/\$4.ccls.  2 nitride near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat a		_	Crystallizs4) same film same "TTT-V" and	1	
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DERWENT; IBM_TDB USPAT; uspid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or crystalliz\$4) same "iii-v"  BERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; IBM_TDB USPAT; US-PGPUB; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT; PROMENT;		1	rta or rtp or ptp) same (crystal\$4 or		
nitride near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4) same "iii-v"  3 "iii-v" near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystal\$4 or crystalliz\$4)  10 USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;			crystalliz\$4)	DERWENT;	
rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4) same "iii-v"  3 "iii-v" near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)  11:32  EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; PGPUB;	_	_	mituid	IBM TDB	İ
rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4) same "iii-v"  3 "iii-v" near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)  11:32  EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	_	ا ت	mitride nearly solution same (anneal\$ or		2003/09/22
crystalliz\$4) same "iii-v"  3 "iii-v" near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)    DERWENT; IBM_TDB USPAT; US-PGPUB; rta or rtp or ptp) same (crystal\$4 or crystal\$4 or DERWENT; DERWENT;			rta or rtn or ntn)		11:32
"iii-v" near10 solution same (anneal\$ or rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)  IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;		[.	crystallize() same (crystal\$4 or		
"iii-v" near10 solution same (anneal\$ or uSPAT; rapid adj thermal or heat adj treat\$4 or rta or rtp or ptp) same (crystal\$4 or crystalliz\$4)  "iii-v" near10 solution same (anneal\$ or uSPAT; uS-PGPUB; l1:55	i	'	oryseartizady same "111-A"	· 1	
rapid adj thermal or heat adj treat\$4 or US-PGPUB; 11:55 rta or rtp or ptp) same (crystal\$4 or EPO; JPO; DERWENT;	_	3	"iii-v" near10 solution came /amma-24		
rta or rtp or ptp) same (crystal\$4 or EPO; JPO; DERWENT;			rapid add thermal or heat add tweated an		
crystalliz\$4) DERWENT;			rta or rtp or ptp) same (crystals4 or	FDO: TDO:	11:22
		.	crystalliz\$4)	DERWENT.	
				IBM TDB	

_	T 2			T	
<del>-</del>	444	946	anneal\$ or rapid adj thermal or heat adj	USPAT;	2003/09/22
			treat\$4 or rta or rtp or ptp	US-PGPUB;	11:55
1	ŀ			EPO; JPO;	i
1				DERWENT;	
				IBM_TDB	
-	3/	679	spin near4 coat\$4	USPAT;	2003/09/22
				US-PGPUB;	11:56
				EPO; JPO;	
	ļ			DERWENT;	
	İ	_		IBM_TDB	0000 (00 (00
_	2	3	((spin near4 coat\$4) same ("IIi-v" or	USPAT;	2003/09/22
	ı .		"III" near4 nitride)) same (anneal\$ or	US-PGPUB;	11:56
	e #		rapid adj thermal or heat adj treat\$4 or	EPO; JPO;	
	. 1		rta or rtp or ptp)	DERWENT;	
	表示	4.0	/ ' / A	IBM_TDB	
-		46		USPAT;	2003/09/22
			"III" near4 nitride)	US-PGPUB;	13:24
	1 1/4			EPO; JPO;	
				DERWENT;	i
ì			1 144 10 11 1 11 11 11	IBM_TDB	
-		4	heat\$4 near10 ligand same "III-v"	USPAT;	2003/09/22
				US-PGPUB;	13:26
1	1			EPO; JPO;	
1	1	İ		DERWENT;	
1			malutian manuto library many many	IBM_TDB	2002/00/05
-		0	solution near10 ligand same "III-v"	USPAT;	2003/09/22
				US-PGPUB;	13:26
				EPO; JPO;	
	İ	- 1		DERWENT;	
		٠, ١	-3-1	IBM_TDB	
-		1	solution near10 heat\$4 near10 (volatile	USPAT;	2003/09/22
			or vaporiz\$4) same "III-v"	US-PGPUB;	13:27
				EPO; JPO;	
	1			DERWENT;	
	ŀ	[ ر		IBM_TDB	, _ ,
_		65	solution near10 heat\$4 near10 (volatile	USPAT;	2003/09/22
		!	or vaporiz\$4) and spin near4 coat\$4	US-PGPUB;	13:28
		ĺ		EPO; JPO;	
				DERWENT;	
		اہا		IBM_TDB	
_		6	solution near10 heat\$4 near10 (volatile	USPAT;	2003/09/22
			or vaporiz\$4) same spin near4 coat\$4	US-PGPUB;	13:29
		]		EPO; JPO;	
		j		DERWENT;	
		[		IBM_TDB	
_		77	spin near4 coat\$4 same ("iii-v" or "iii"	USPAT;	2003/09/22
			near3 nitride or gan or gallium adj	US-PGPUB;	13:31
			nitride)	EPO; JPO;	
	}			DERWENT;	
1		, 1		IBM_TDB	
-		42		USPAT;	2003/09/22
Ī			near3 nitride or gan or gallium adj	US-PGPUB;	13:44
			nitride) not same (photoresist or resist)	EPO; JPO;	
[ i	1			DERWENT;	
		ا ِ	/HE 4004 CON 1. DECCEOO	IBM_TDB	
I -		6	("5433169"   "5923950"   "5989338"	USPAT	2003/09/22
1		_	"5997639"   "6146457"   "6176925").PN.		13:35
-		96	("iii-v" or "iii" near3 nitride or gan or	USPAT;	2003/09/22
			gallium adj nitride) same (crystal\$4 or	US-PGPUB;	13:45
[	1		crystalliz\$4 or crystalline) same	EPO; JPO;	
			precursor	DERWENT;	
1		_	/H222	IBM_TDB	
-		38	("iii-v" or "iii" near3 nitride or gan or	USPAT;	2003/09/22
	ļ. ·	- !	gallium adj nitride) same (crystal\$4 or	US-PGPUB;	13:47
		- 1	crystalliz\$4 or crystalline) near10	EPO; JPO;	
	٠,		precursor	DERWENT;	
		,	and the many of the second	IBM_TDB	
<sup>-</sup>		10	("iii-v" or "iii" near3 nitride or gan or	USPAT;	2003/09/22
	'	- 1	gallium adj nitride) same (crystal\$4 or	US-PGPUB;	13:47
		- 1	crystalliz\$4 or crystalline) near10	EPO; JPO;	
		- 1	precursor same solution	DERWENT;	
L				IBM_TDB	

				8004/06/01
_	87	spin near2 coat\$5 same ("iii-v" or gan or	USPAT;	2004/06/01
		gallium adj nitride)	US-PGPUB;	14:22
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/06/01
<b>-</b>	2090	(gan or gallium adj nitride) near4 buffer	USPAT;	2004/06/01
		near5 (layer or film)	US-PGPUB;	14:22
		· -	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	143	(gan or gallium adj nitride) near4 buffer	USPAT;	2004/06/01
		near5 (layer or film) same (aluminum adj	US-PGPUB;	14:22
		nitride)	EPO; JPO;	
		,	DERWENT;	
			IBM_TDB	
_	33	(gan or gallium adj nitride) adj buffer	USPAT;	2004/06/01
		near5 (layer or film) same (aluminum adj	US-PGPUB;	14:24
	1	nitride)	EPO; JPO;	!
	İ	1110111	DERWENT;	
			IBM TDB	
l _	35	(gan or gallium adj nitride) adj buffer	USPAT;	2004/06/01
-		near5 (layer or film) same (inn indium	US-PGPUB;	14:30
		adj nitride)	EPO; JPO;	j
1		auj metrue,	DERWENT;	1
			IBM TDB	1
	10	(gan or gallium adj nitride) adj buffer	USPAT;	2004/06/01
-	10	near5 (layer or film) same (indium or	US-PGPUB;	14:41
		aluminum) near10 thick\$5	EPO; JPO;	
1		aluminum, nearly chickes	DERWENT;	
			IBM TDB	1
		"0999640"	USPAT;	2004/06/01
-	2	1 "0999640"	US-PGPUB;	14:35
1			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	_	H000640B	USPAT;	2004/06/01
-	5	"999640"	US-PGPUB;	14:35
1			EPO; JPO;	17.33
			DERWENT;	İ
ļ			IBM TDB	
ŀ	i i		USPAT;	2004/06/01
-	0	(gan or gallium adj nitride) adj buffer	US-PGPUB;	14:45
		near5 (layer or film) same (indium or	,	13,35
	1	aluminum) same pn	EPO; JPO; DERWENT;	
	1		1	1
			IBM_TDB USPAT;	2004/06/01
-	7	(gan or gallium adj nitride) adj buffer	US-PGPUB;	15:21
1	1	near5 (layer or film) same pn	EPO; JPO;	13,51
			DERWENT;	1
			IBM_TDB	2004/06/01
-	27	(aluminum adj nitride or aln) near10 pn	USPAT;	1
1			US-PGPUB;	15:24
			EPO; JPO;	1
			DERWENT;	1
	1		IBM_TDB	0004/06/01
-	67		USPAT;	2004/06/01
		nitride)	US-PGPUB;	15:26
	ŧ		EPO; JPO;	1
	<b>*</b>		DERWENT;	
1	,		IBM_TDB	
1 -	10	spin near2 coat\$5 near15 (aluminum adj	USPAT;	2004/06/01
		nitride)	US-PGPUB;	15:26
ļ			EPO; JPO;	
			DERWENT;	,
			IBM TDB	
				<del>-</del>